

Patent Abstracts of Japan

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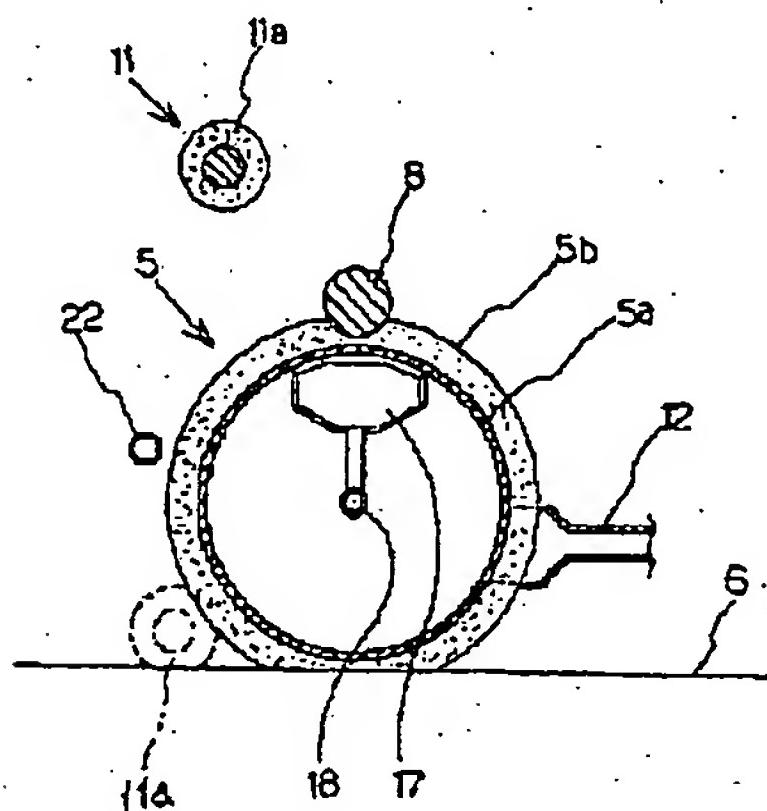
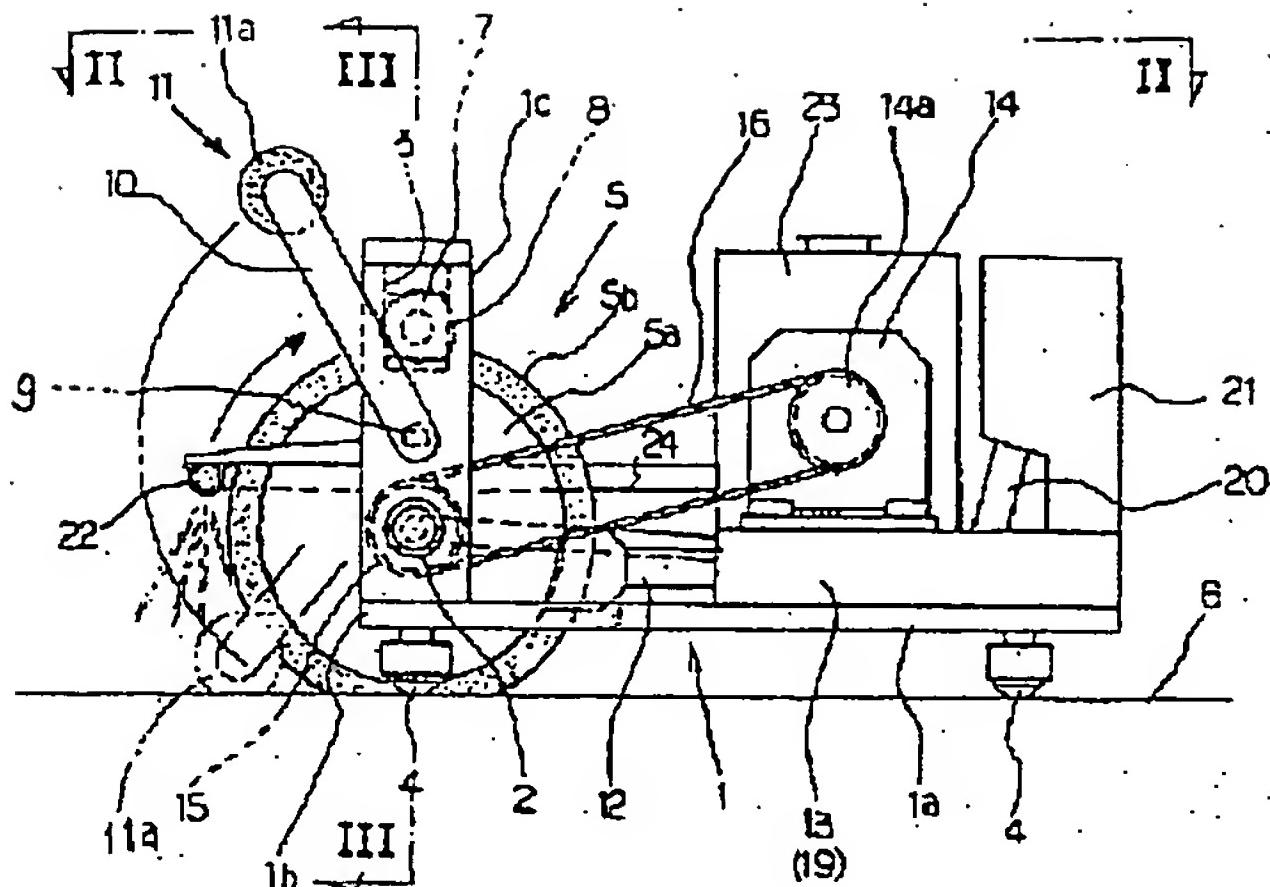
APPLICATION NUMBER : 03320031

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TITLE : FLOOR CLEANER



ABSTRACT : PURPOSE: To suck filthy water after taking out a stain from the floor surface by storing water absorbed to an elastic body of a main drum into a drain tank through a dehydrating roller, storing large dust into a dust suction chamber, and also, using a corner drum for a corner part on the floor surface.

CONSTITUTION: When water is fed to a water spray head 22 through a water spray tube 24 from a water storage tank 23 and a main drum 5 is rotated while atomizing water, an elastic body 5b absorbs water containing dust on the floor surface 6. Its water passes through many holes of a cylindrical drum 5a by a dehydrating roller 8 from the upper part of the main drum 5 and is dripped down onto a water collecting pan 17, sucked by a vacuum cleaner 21 from a drain tank 19 and a vacuum pipe 20, and stored in the drain tank 19 from a water collecting tube 18. Also, large dust passes through under the dehydrating roller 8, passes through a dust pipe 12, a dust suction chamber 13 and the vacuum cleaner 21 and is stored in the dust suction chamber 13. Also, a corner part on the floor surface 6 is cleaned by rotating a corner drum 11 by the main drum 5.

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